

APPENDIX A

5. (Previously Presented) A solenoid system for switchgear, comprising:

an armature;

a yoke;

a coil interacting with the yoke to move the armature;

sensors detecting actual values of drive-specific switching parameters;

and

a control device of a switchgear drive, the control device being one of an open-loop control device and a closed-loop control device, wherein after a switching command, the control device does not affect an output quantity for controlling the coil until a flux threshold value of the actual values of the drive-specific switching parameters is attained, the output quantity being a coil current, the drive-specific switching parameters being variable during a switching operation.

7. (Previously Presented) The solenoid system according to claim 5, wherein the flux threshold value is settable.